

GALIUM TRICORNUTUM (RUBIACEAE) AND PARENTUCELLIA VIScosa (SCROPHULARIACEAE) NEW TO OKLAHOMA

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ABSTRACT

This paper reports the occurrence of two species previously unknown to the flora of Oklahoma. *Galium tricornutum*, a Eurasian introduction, was discovered in a cement drainage ditch in Hughes County in central Oklahoma. *Parentucellia viscosa*, an introduction from Europe, was discovered in disturbed grassland in McCurtain County in extreme southeastern Oklahoma.

RESUMEN

Este artículo cita la ocurrencia de dos especies previamente desconocidas de la flora de Oklahoma. *Galium tricornutum*, una introducción eurasíática, fue descubierta en una zanja de drenaje de cemento en el condado de Hughes en el centro de Oklahoma. *Parentucellia viscosa* (L.) Caruel, una introducción de Europa, fue descubierta en un prado alterado en el condado de McCurtain en el extremo sudeste de Oklahoma.

Galium tricornutum Dandy, in the Rubiaceae, is an introduced annual herb native to Eurasia that is typically found in waste places and as a weed of cereal crops. It has been reported previously in Arkansas, California, Georgia, New York, Oregon, Pennsylvania, Rhode Island, South Carolina, Washington, Wisconsin, and Oregon (USDA-NRCS 2006). One plant was encountered growing in a crack in a cement drainage ditch in the Holdenville city park in central Oklahoma. The combination of recurved pedicels and a tuberculate fruit distinguish *G. tricornutum* from other weedy *Galium* species in Oklahoma.

Voucher specimen for **Galium tricornutum**: **OKLAHOMA. Hughes Co.**: Holdenville, at Stroup City Park, T7N R9E sec18, 11 May 2006, Buthod, Hoagland, and Crawford AB-7138(OKL).

Parentucellia viscosa (L.) Caruel, in the Scrophulariaceae, is an introduced annual herb native to Europe typically found on moist, grassy places and frequently in old meadows. It has been reported in Arkansas, California, Hawaii, Louisiana, Oregon, Texas, and Washington (USDA-NRCS 2006). Only one plant was located in a disturbed tallgrass prairie site on limestone in southeastern Oklahoma. Associated species included *Centaurea americana* Nutt., *Echinacea atrorubens*, *Sorghum halepense* (L.) Pers., and *Rudbeckia hirta* L.

Voucher specimen for **Parentucellia viscosa**: **OKLAHOMA. McCurtain Co.**: 1.9 mi NW of Idabel, T7S R23E SE/4 sec 25, 25 May 2006, Buthod, Hoagland, and Arbour AB-7137(OKL).

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REFERENCE

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